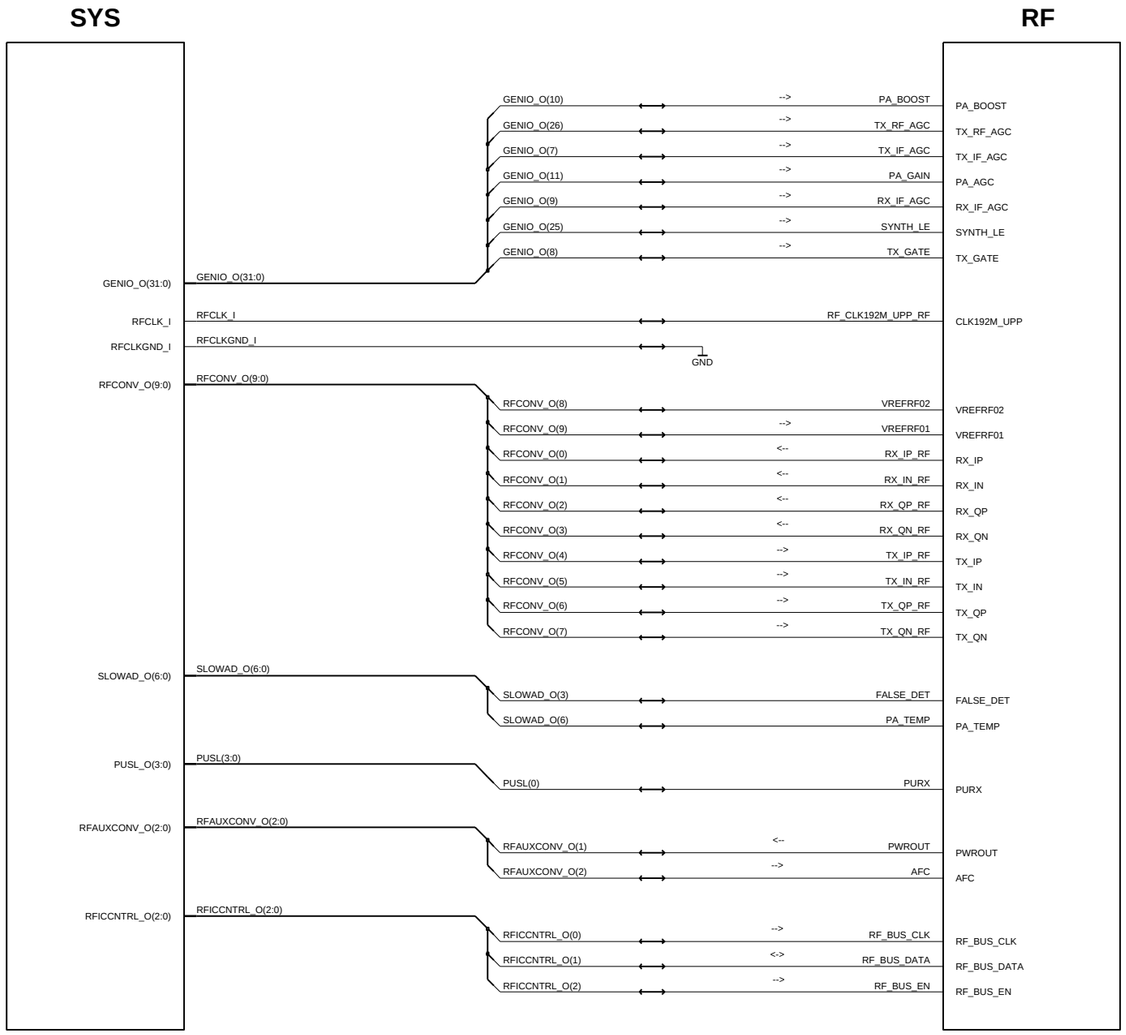
Top-level Diagram



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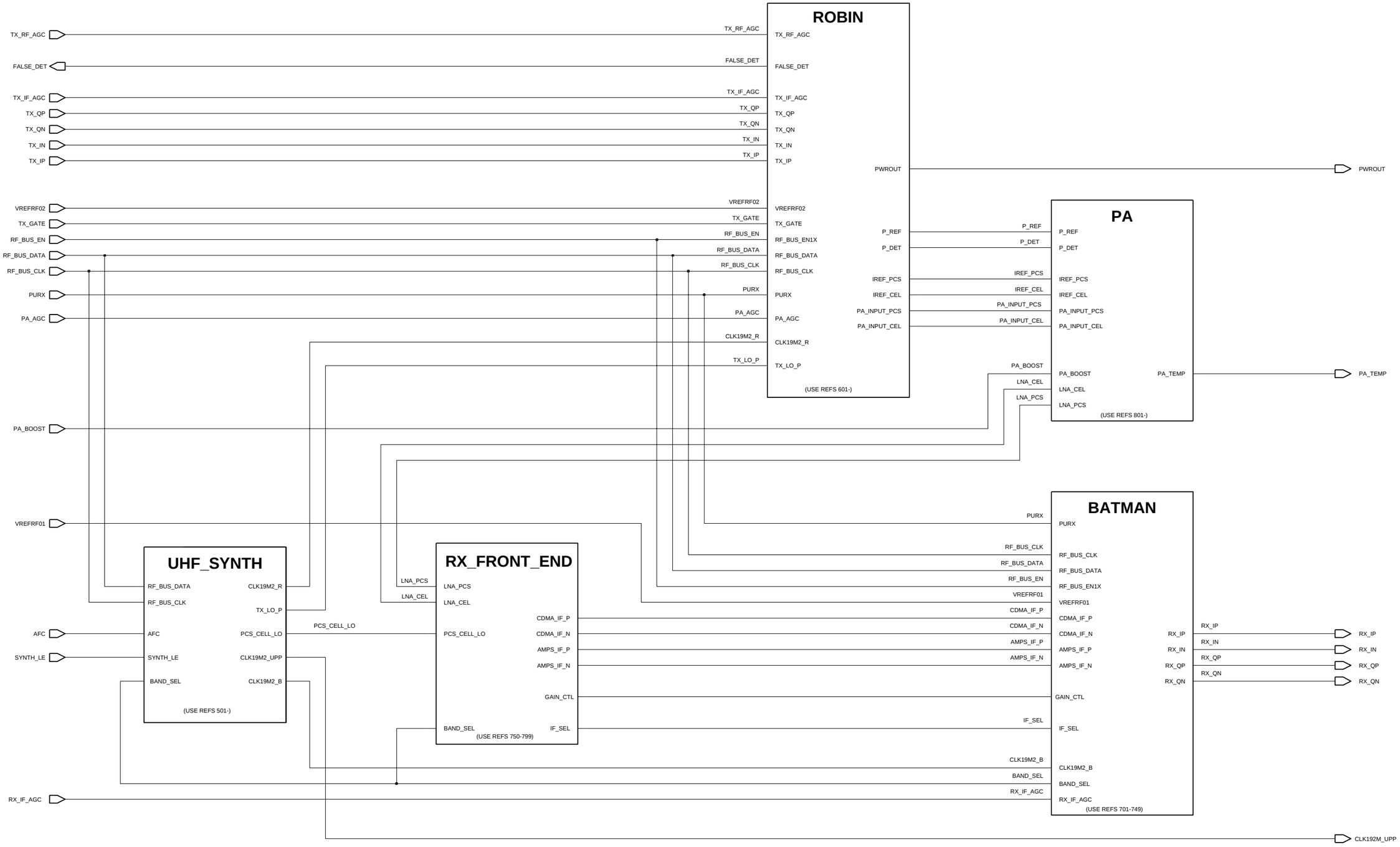
RF Top-level Diagram



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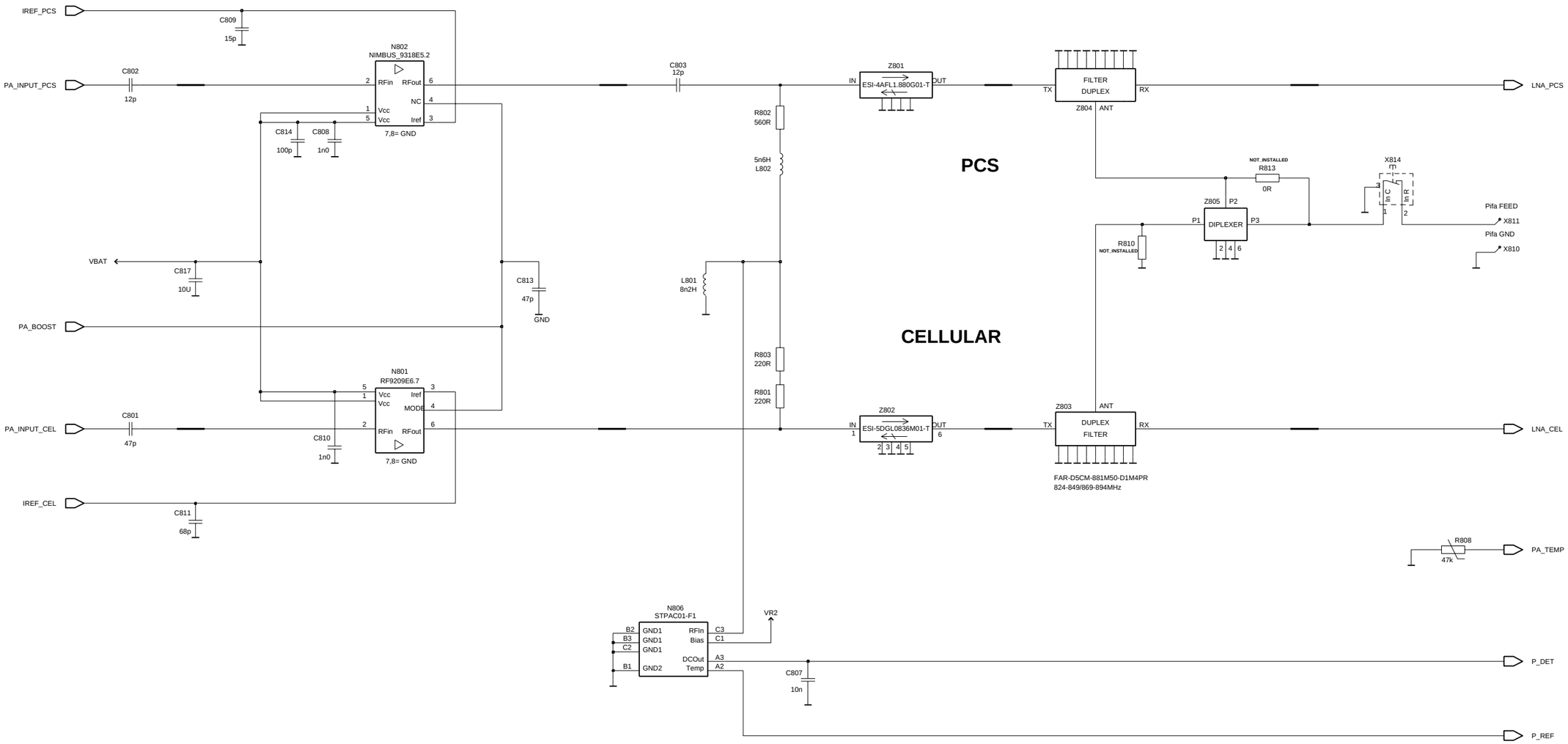
PA



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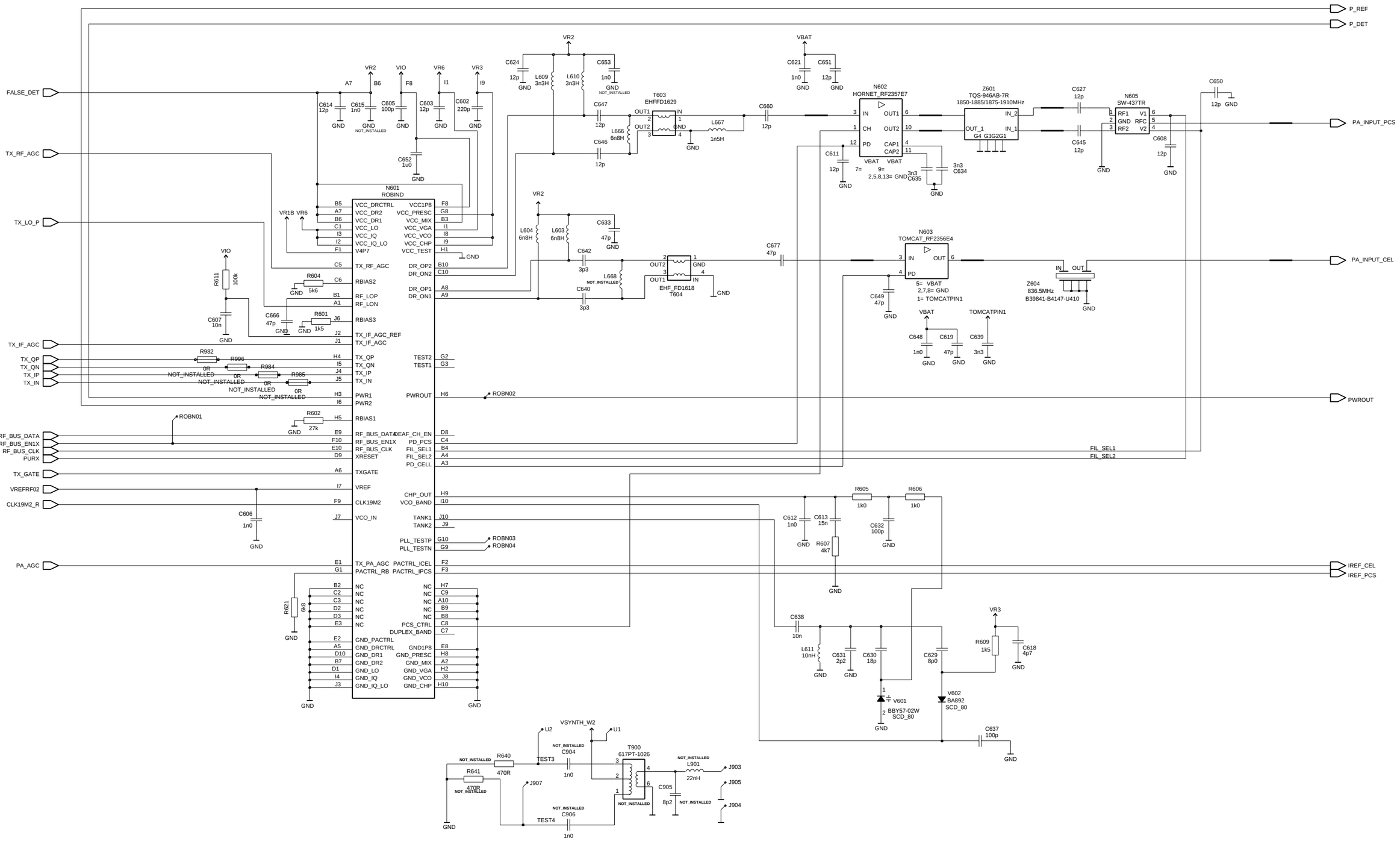
Robin



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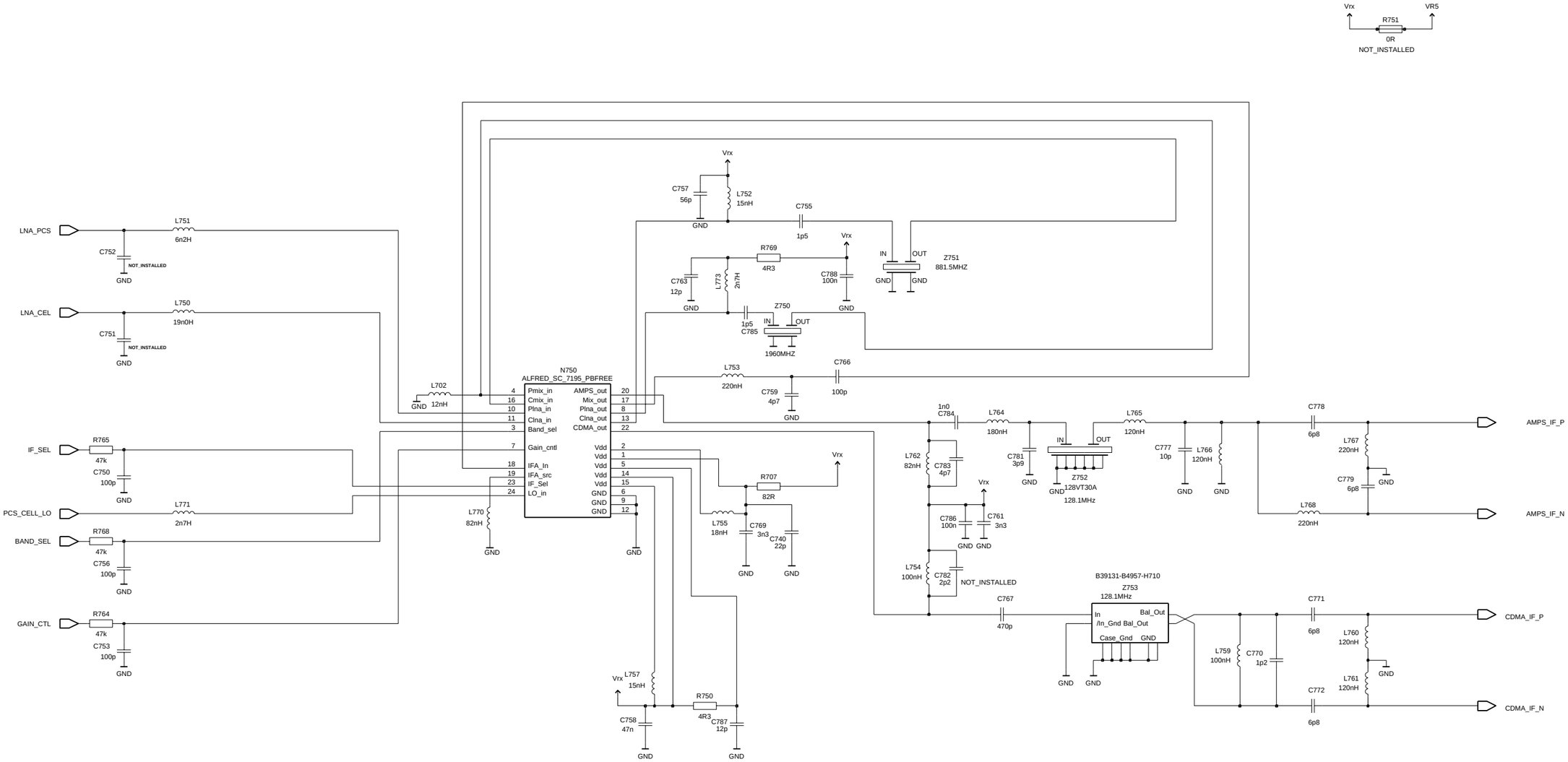
Front End



	LOGIC INPUTS		
MODES	BAND	GAIN_CTL	IF_SEL
CEL CDMA Hi Gain	0	1	0
CEL CDMA Lo Gain	0	0	0
PCS CDMA Hi Gain	1	1	0
PCS CDMA Lo Gain	1	0	0
AMPS Hi Gain	0	1	1
AMPS Lo Gain	0	0	1

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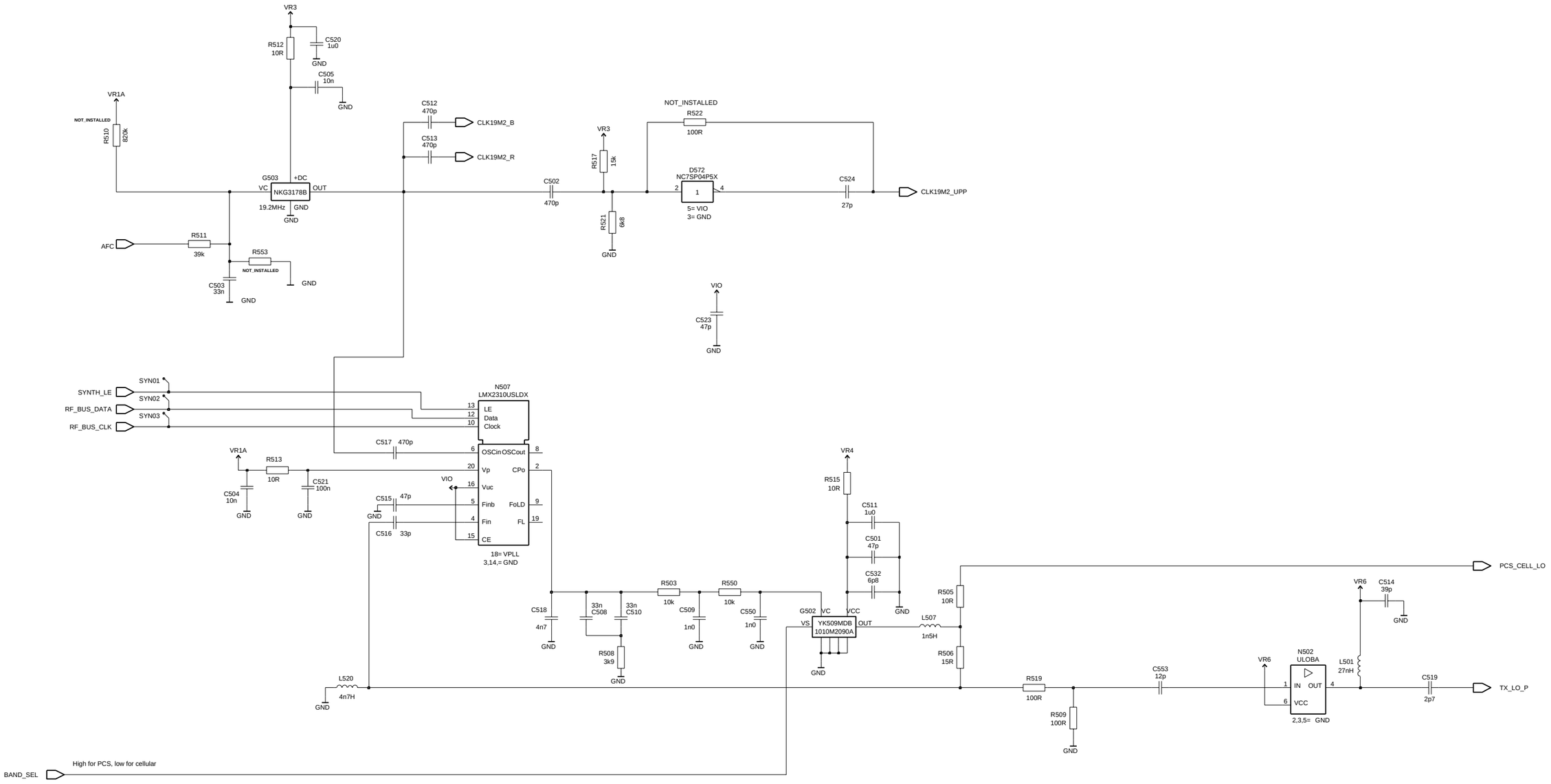
UHF Synthesizer



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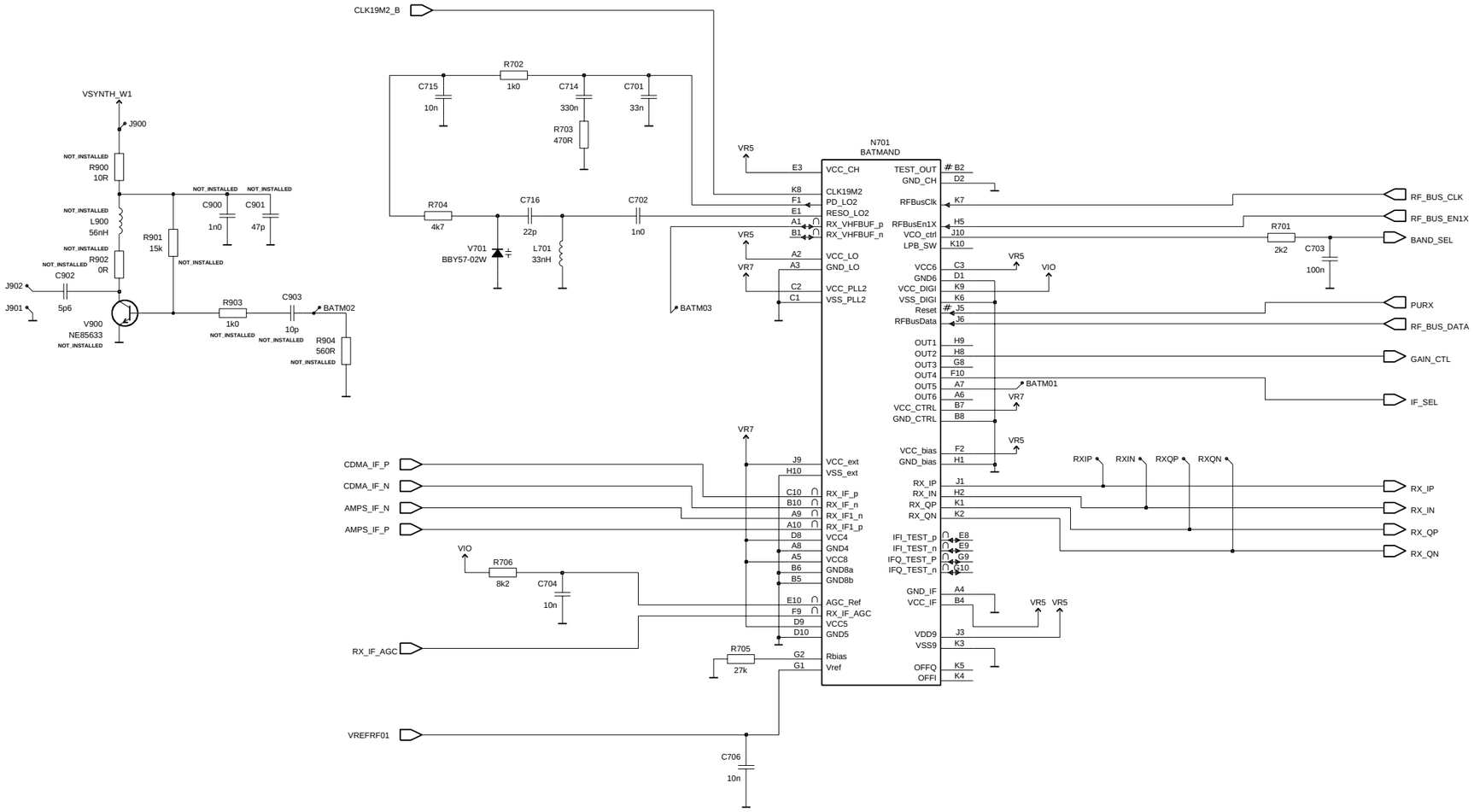
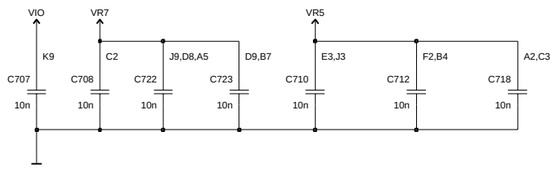
Batman





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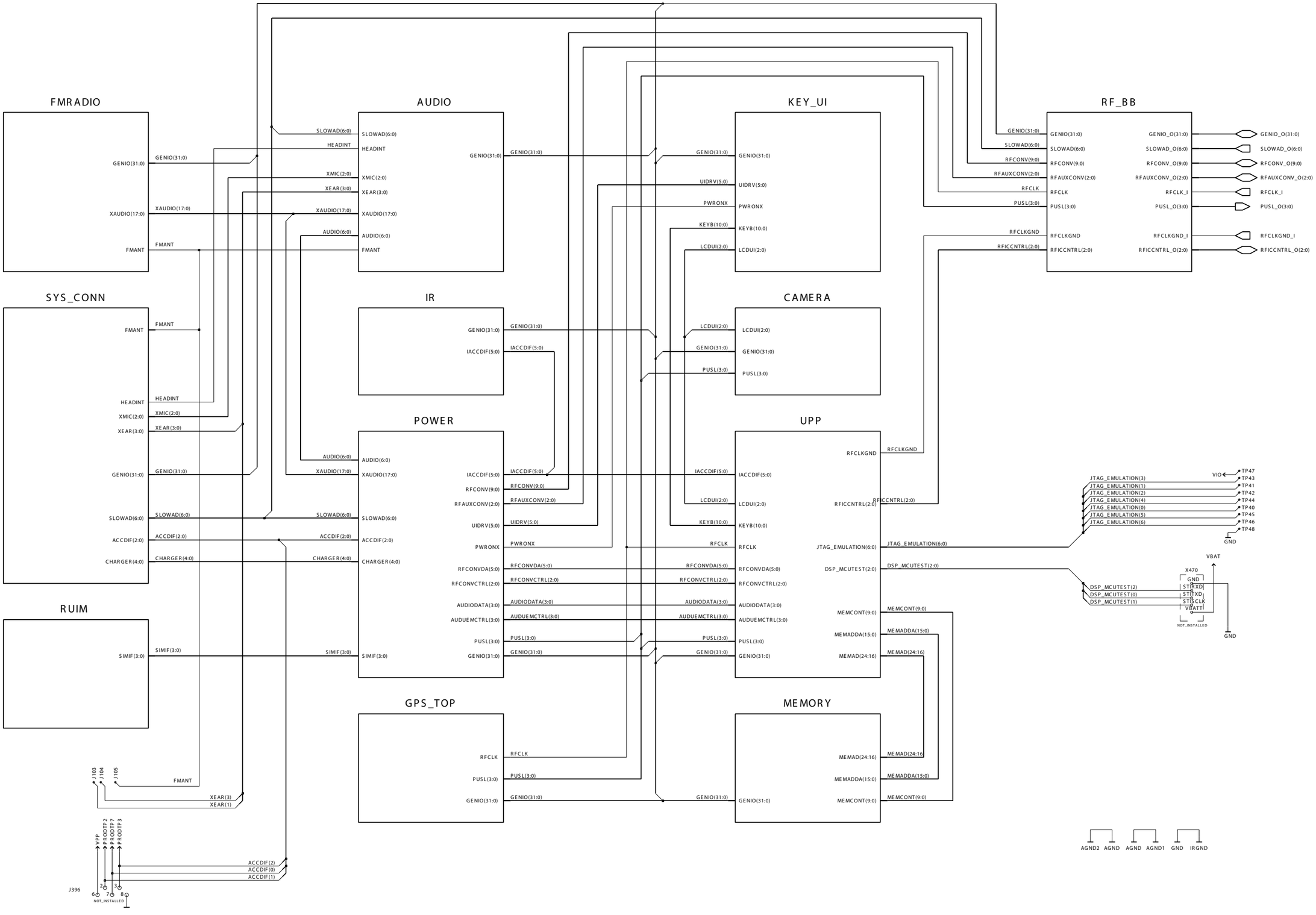
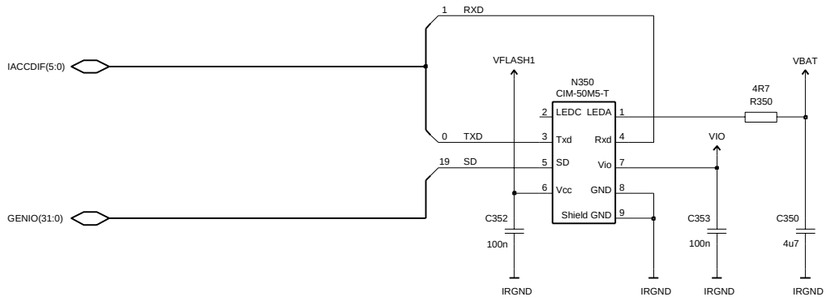
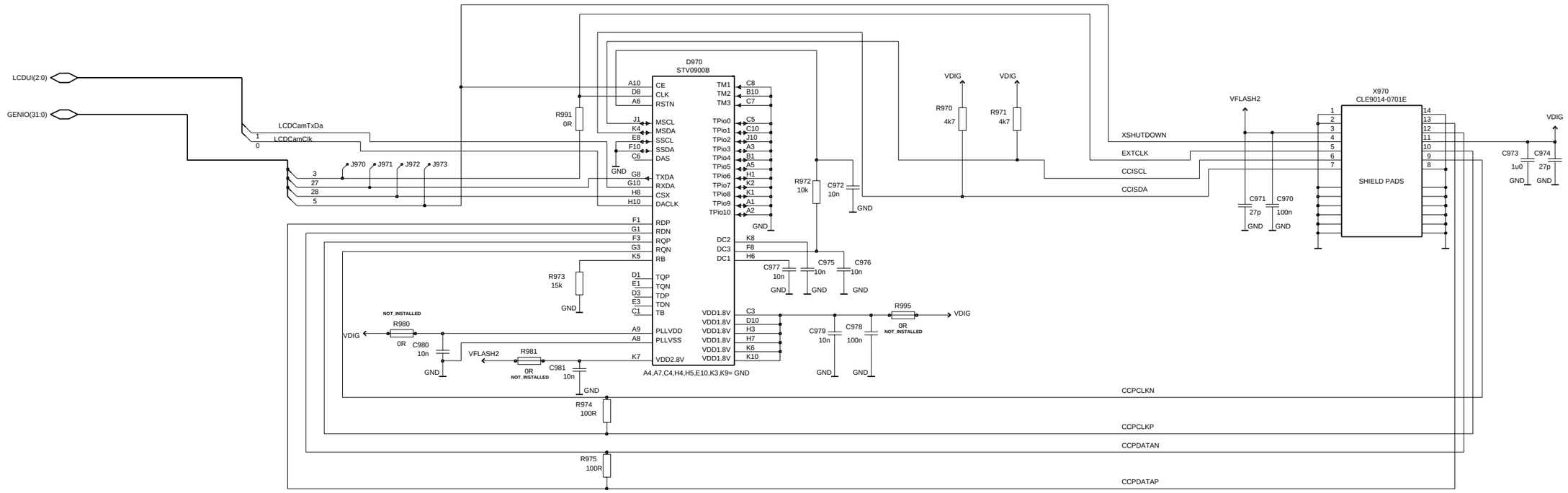
System Module

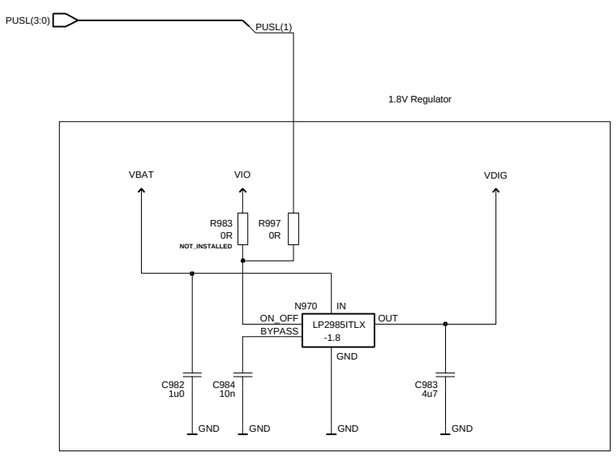


IR Module 1.8V



Camera





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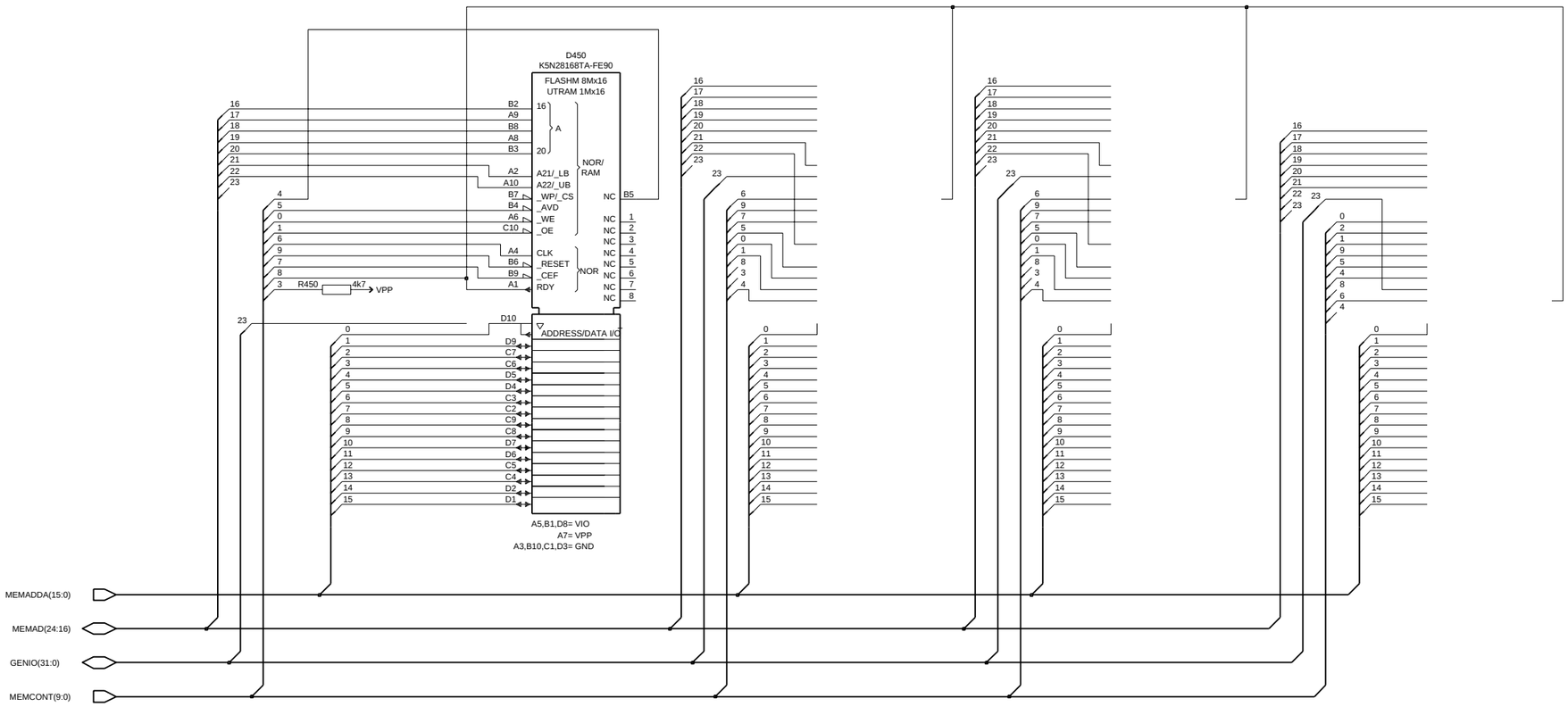
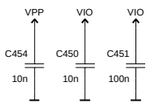
AMD 64 Mbit (Burst Read/Write)





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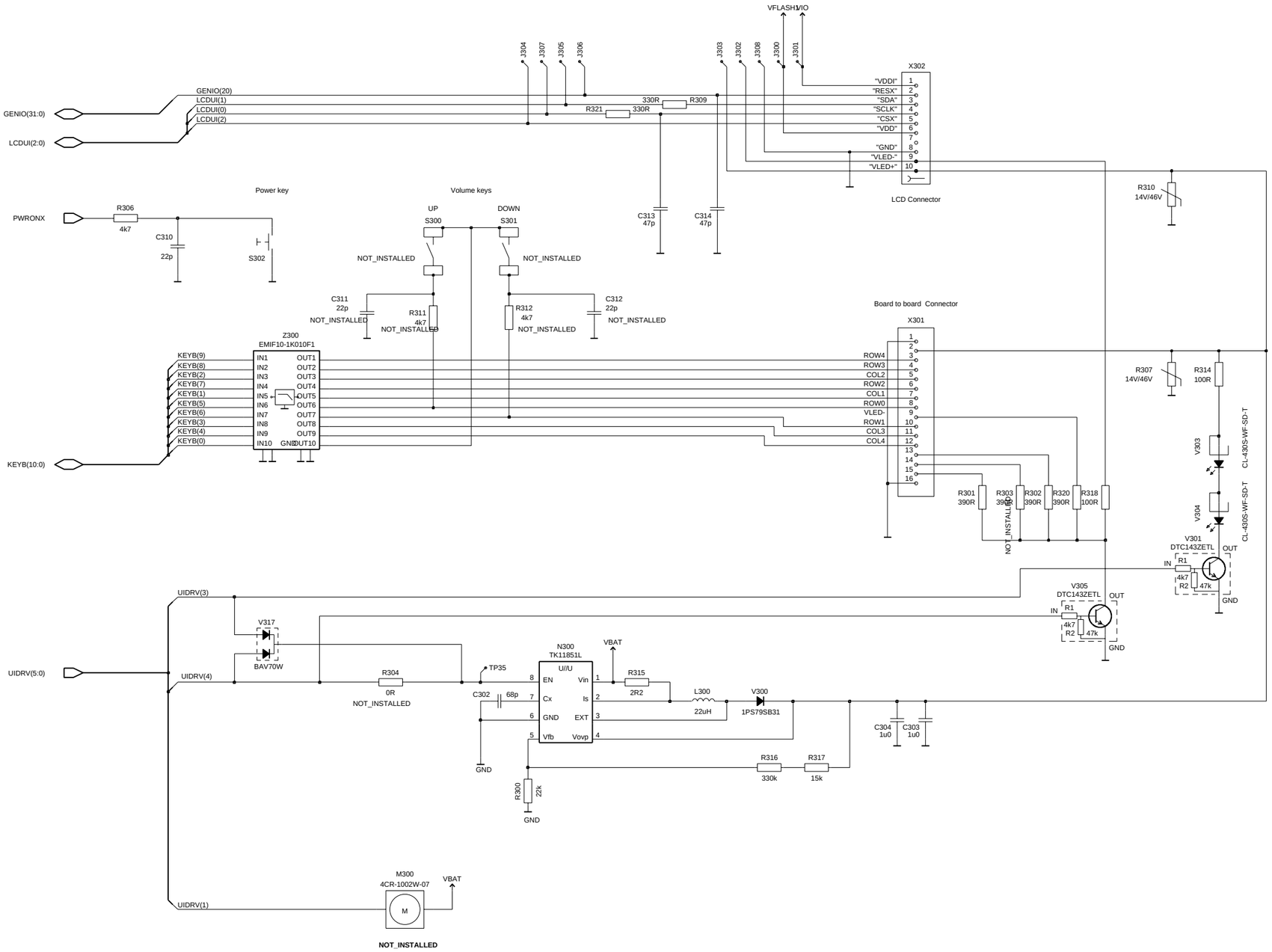
User Interface



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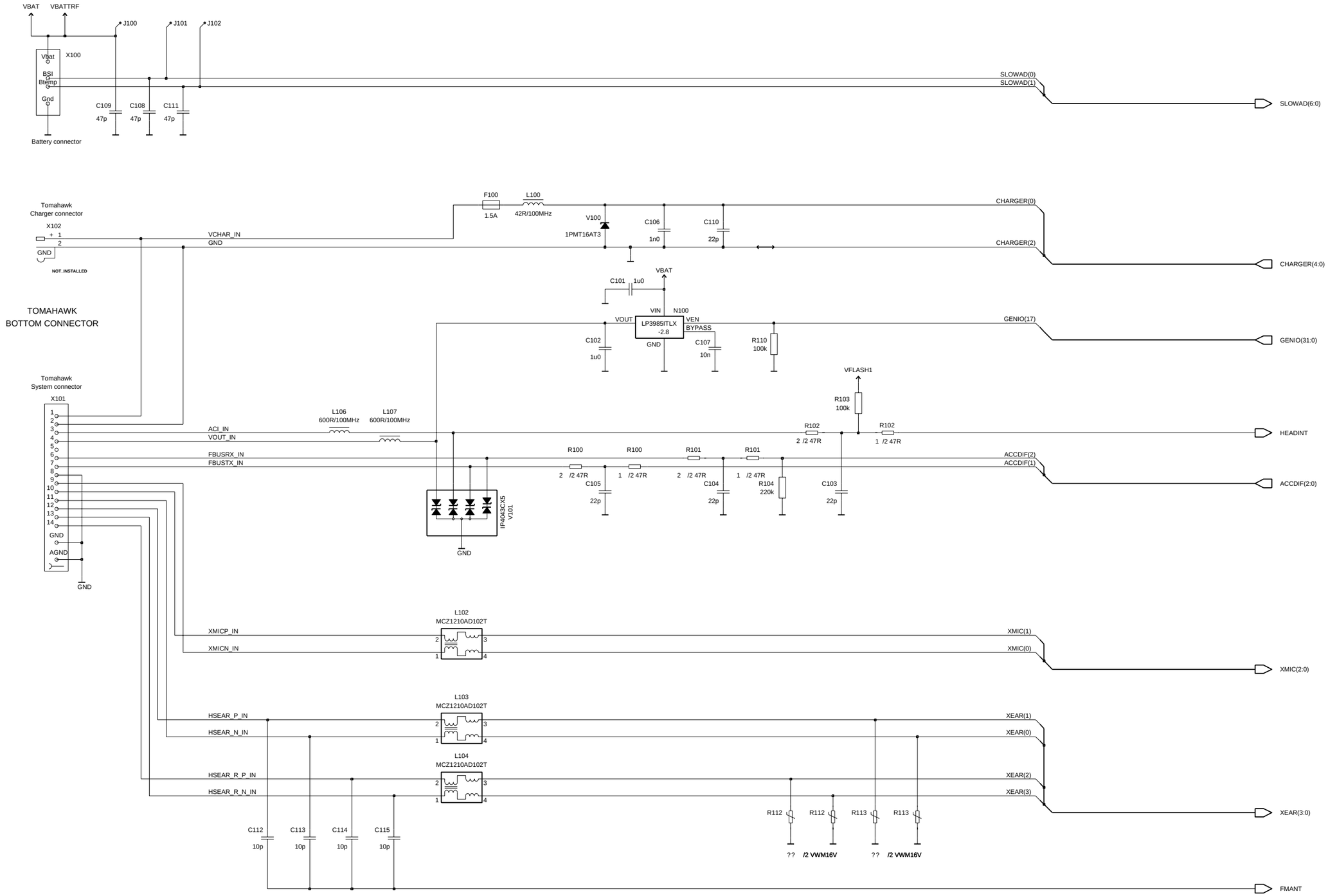
System Connector



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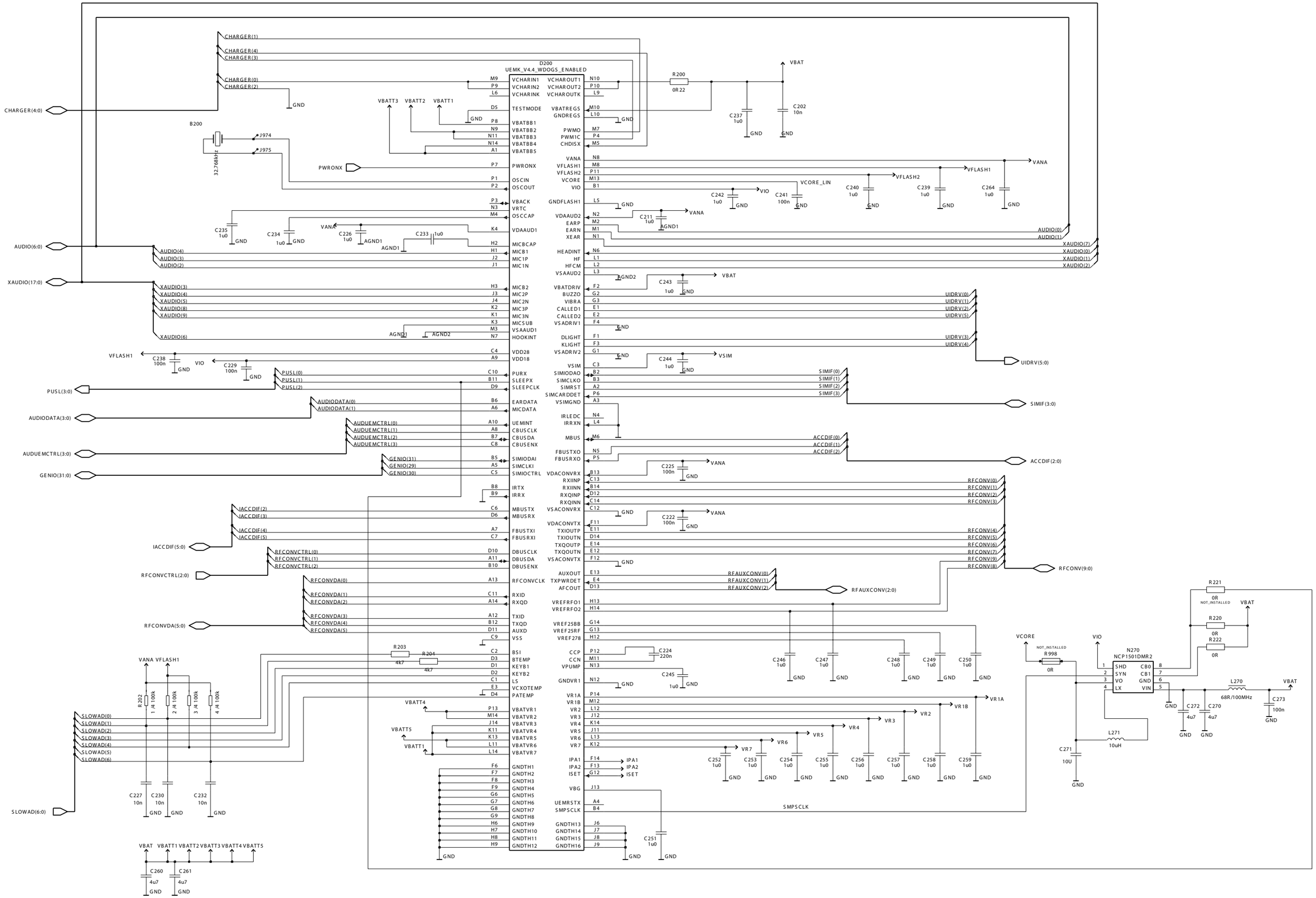
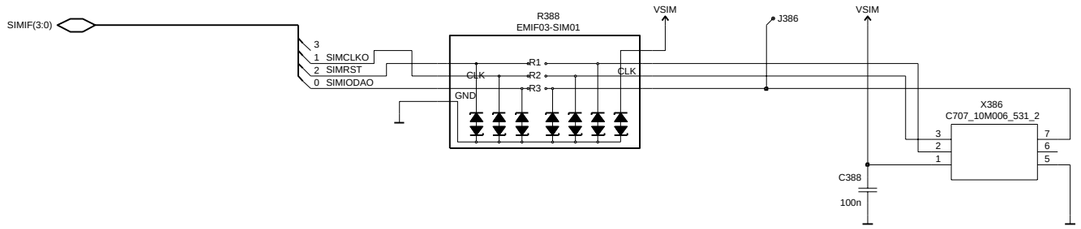
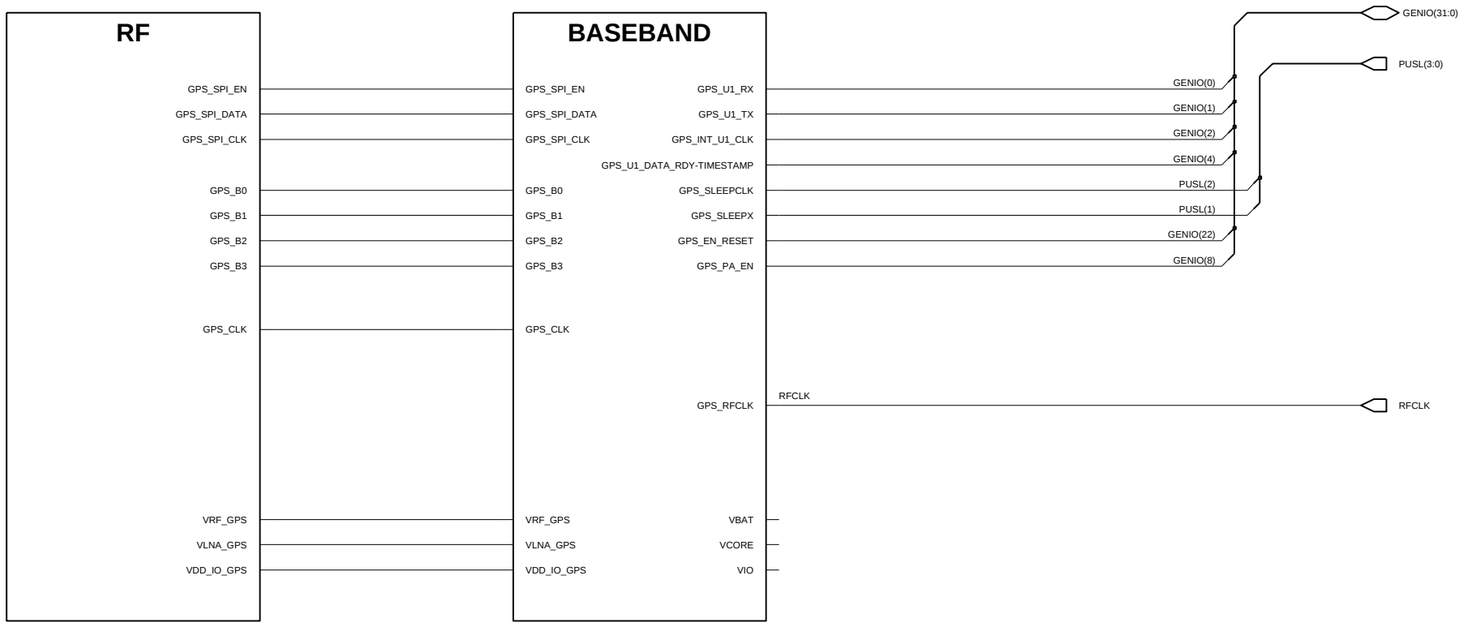
High-Density 1.8V



SIM Reader



GPS RF BB Interface



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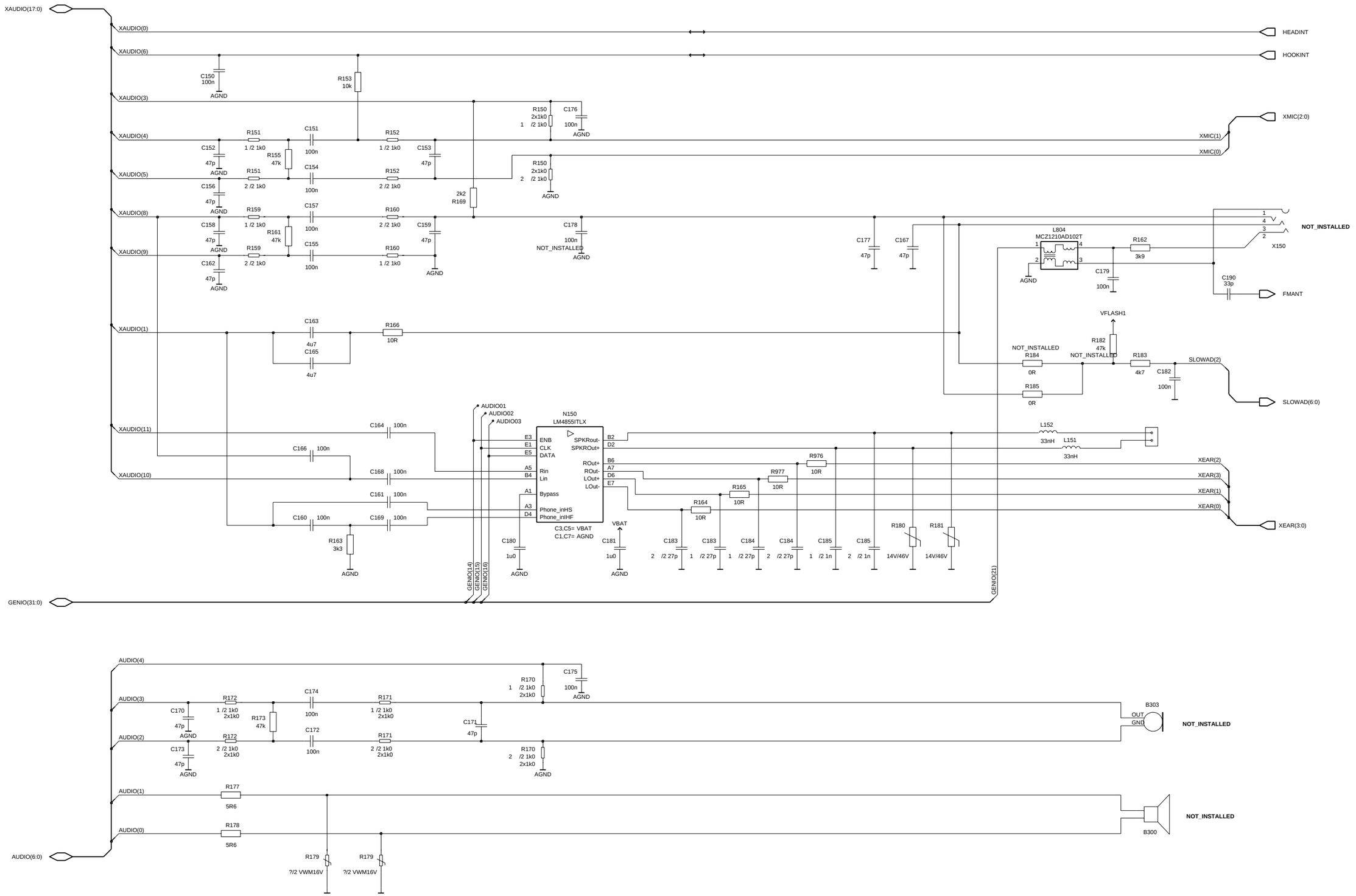
Audio



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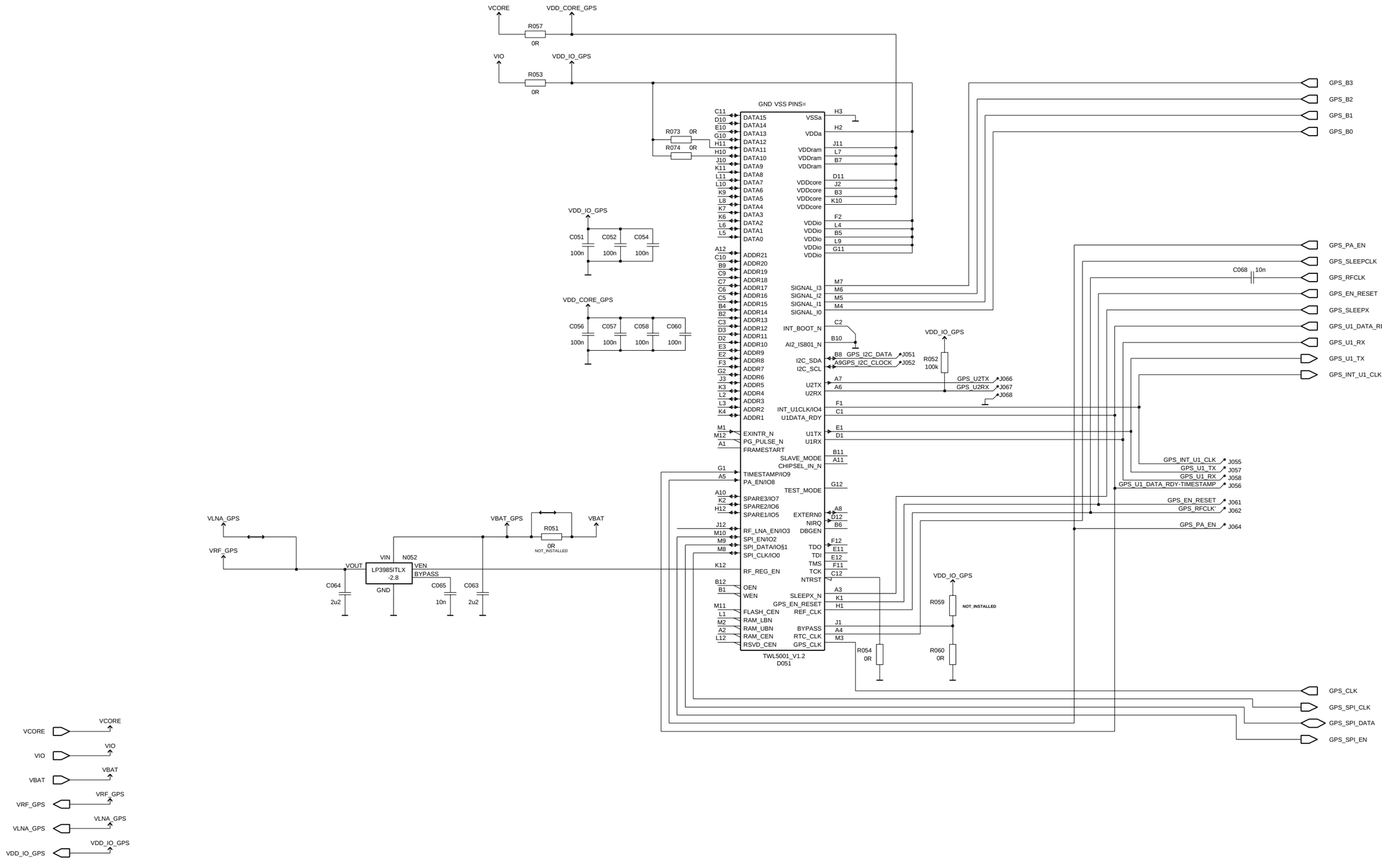
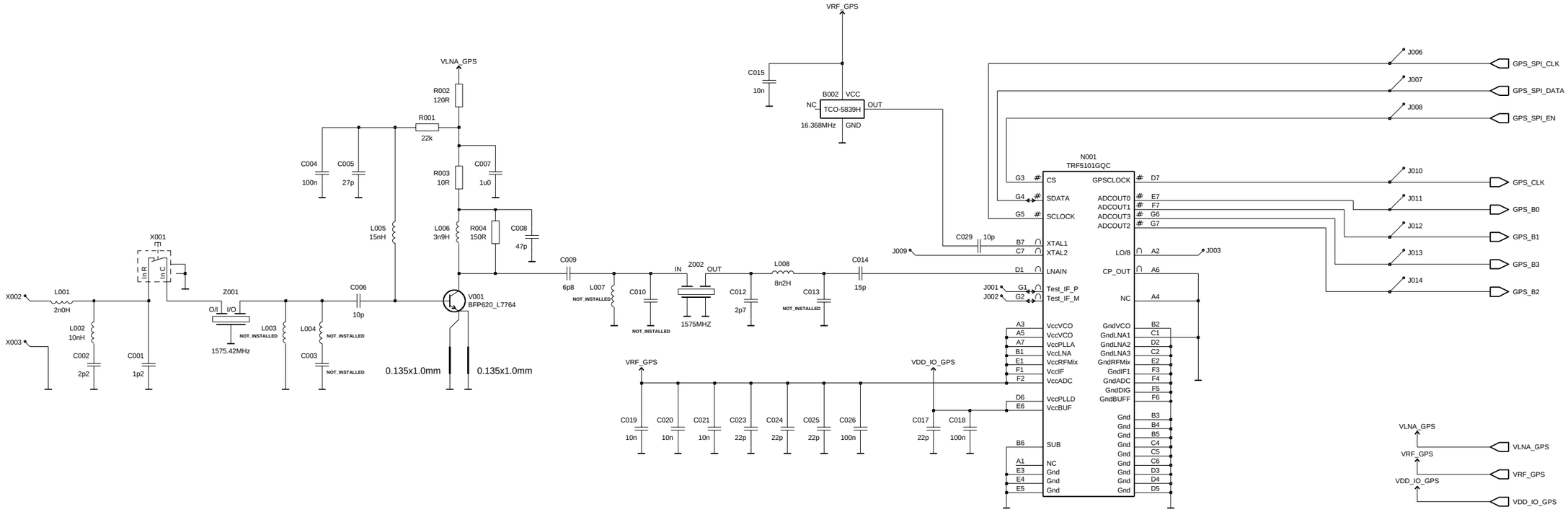
GPS Baseband Circuit Diagram



GPS RF Circuit Diagram



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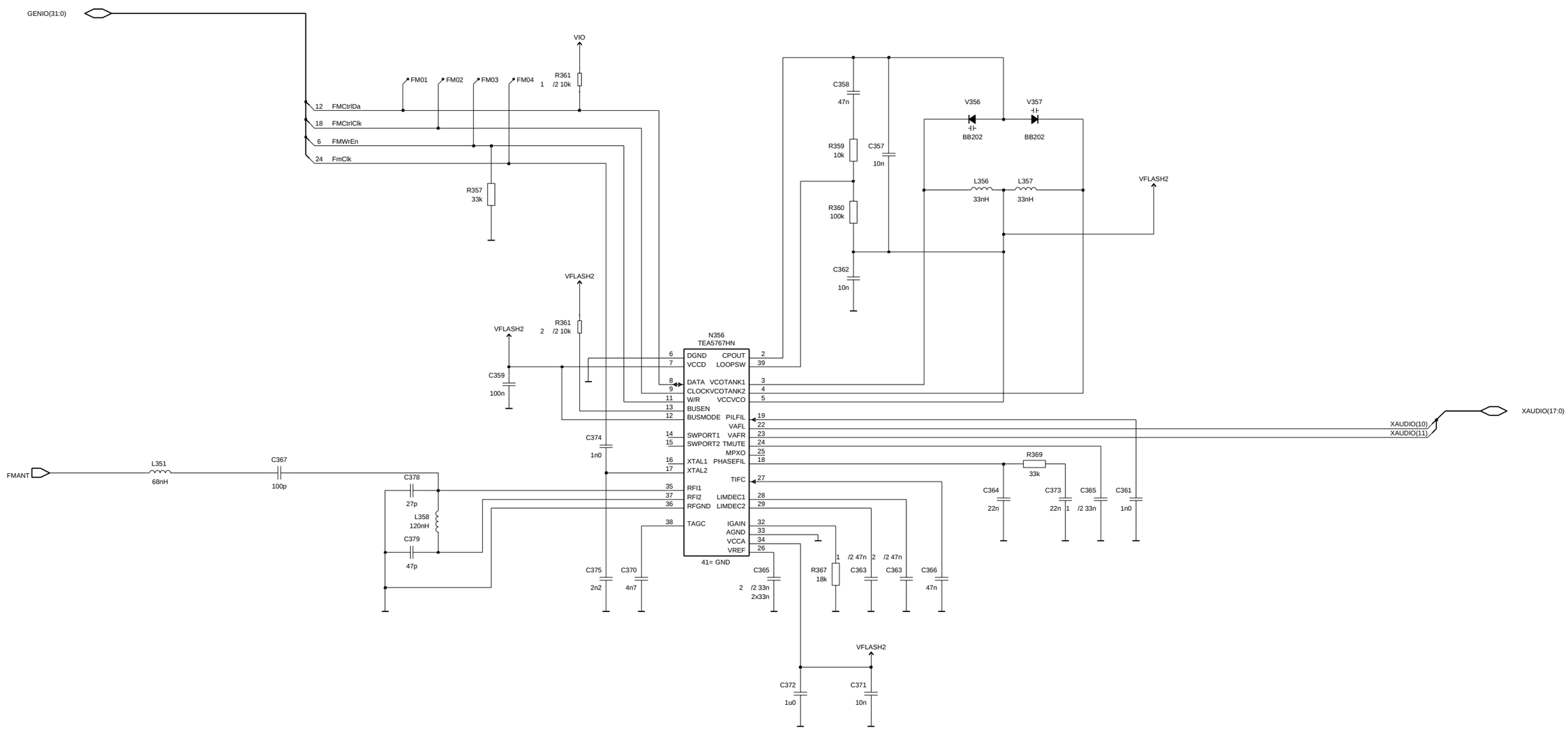
TEA5767 FM Radio Unit

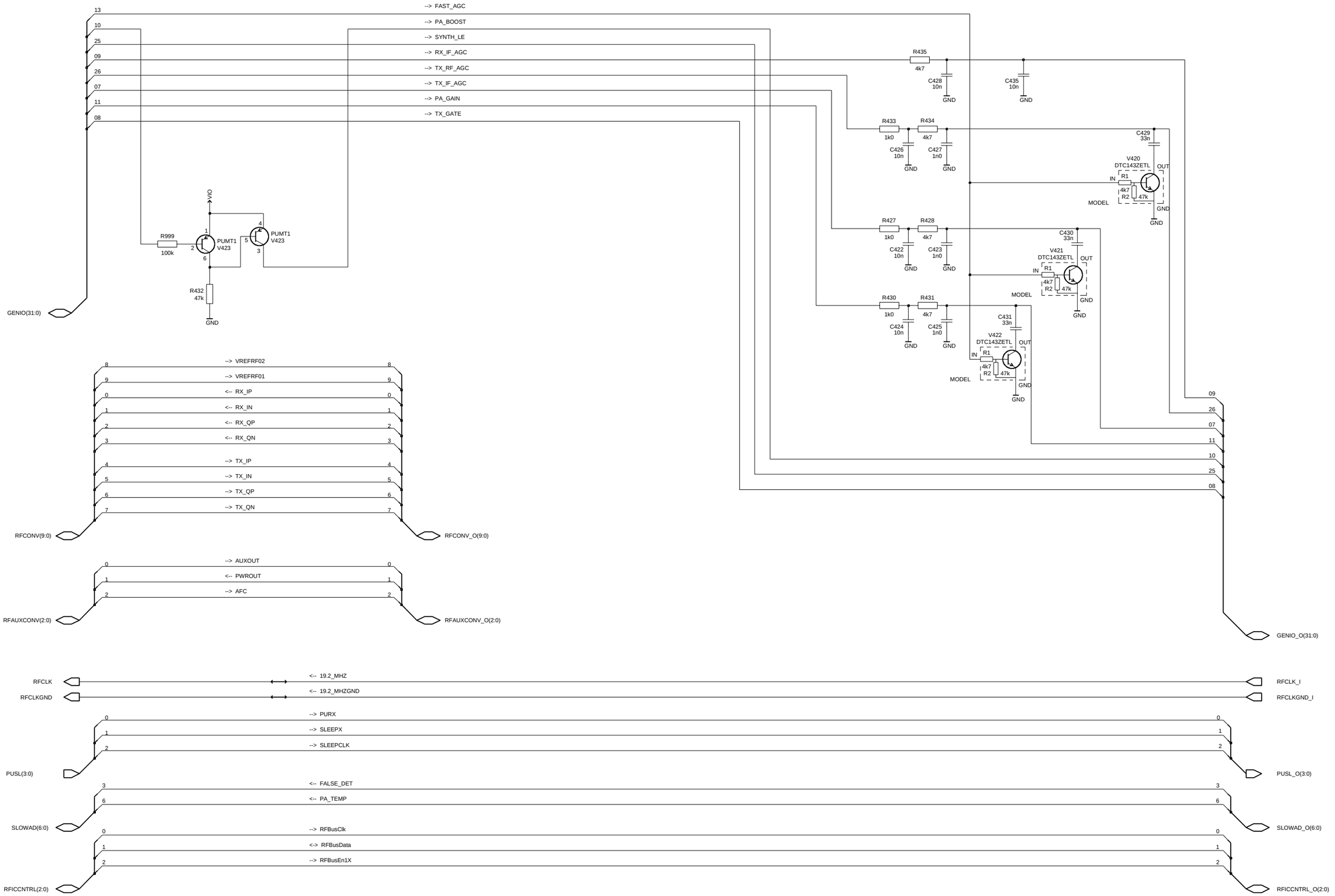


Notice:

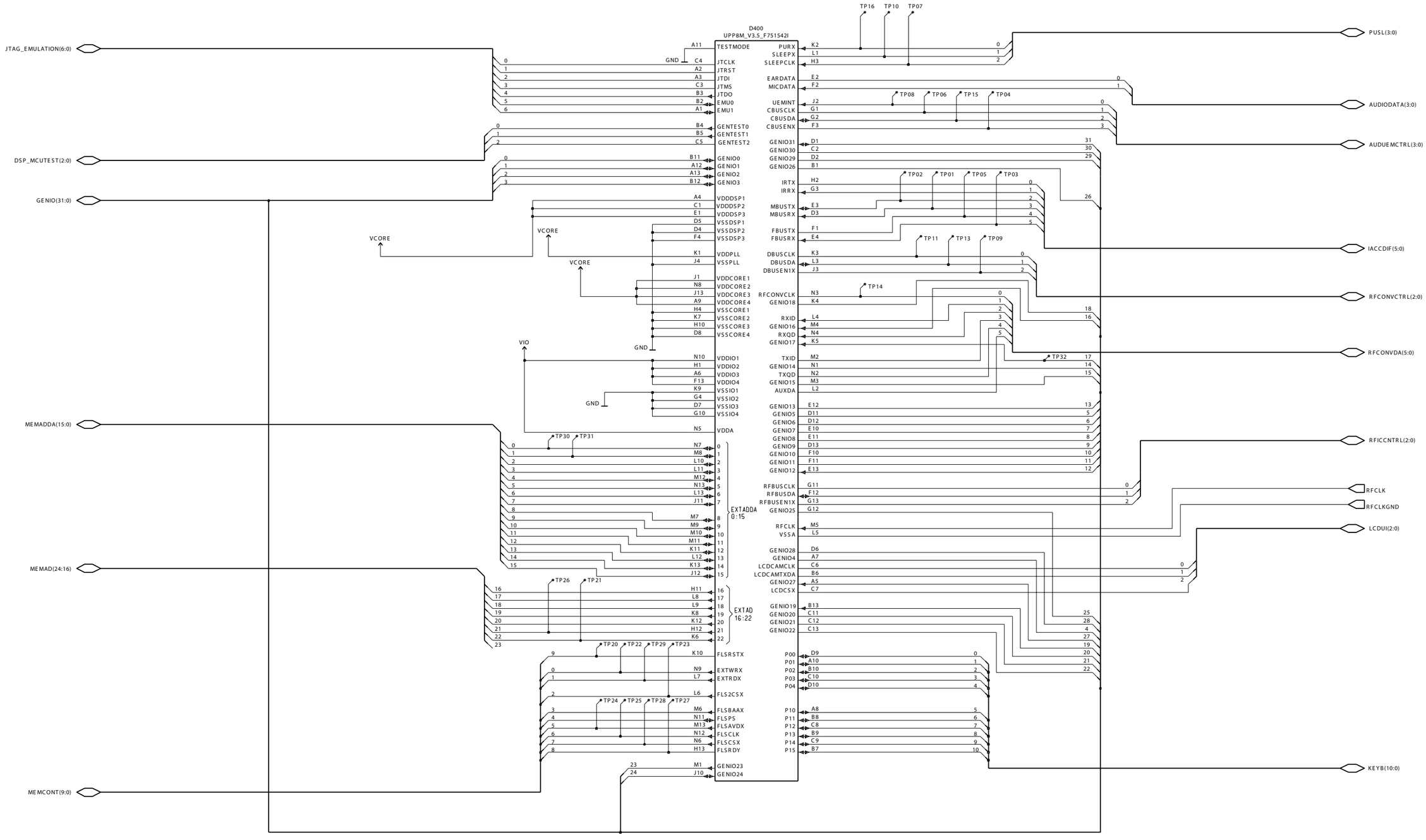
C374 (1n0) and C375 (2n2) are configured for 32kHz reference clock

If reference clock is 6.5MHz, use C374 (3p9) and C375 (10p)

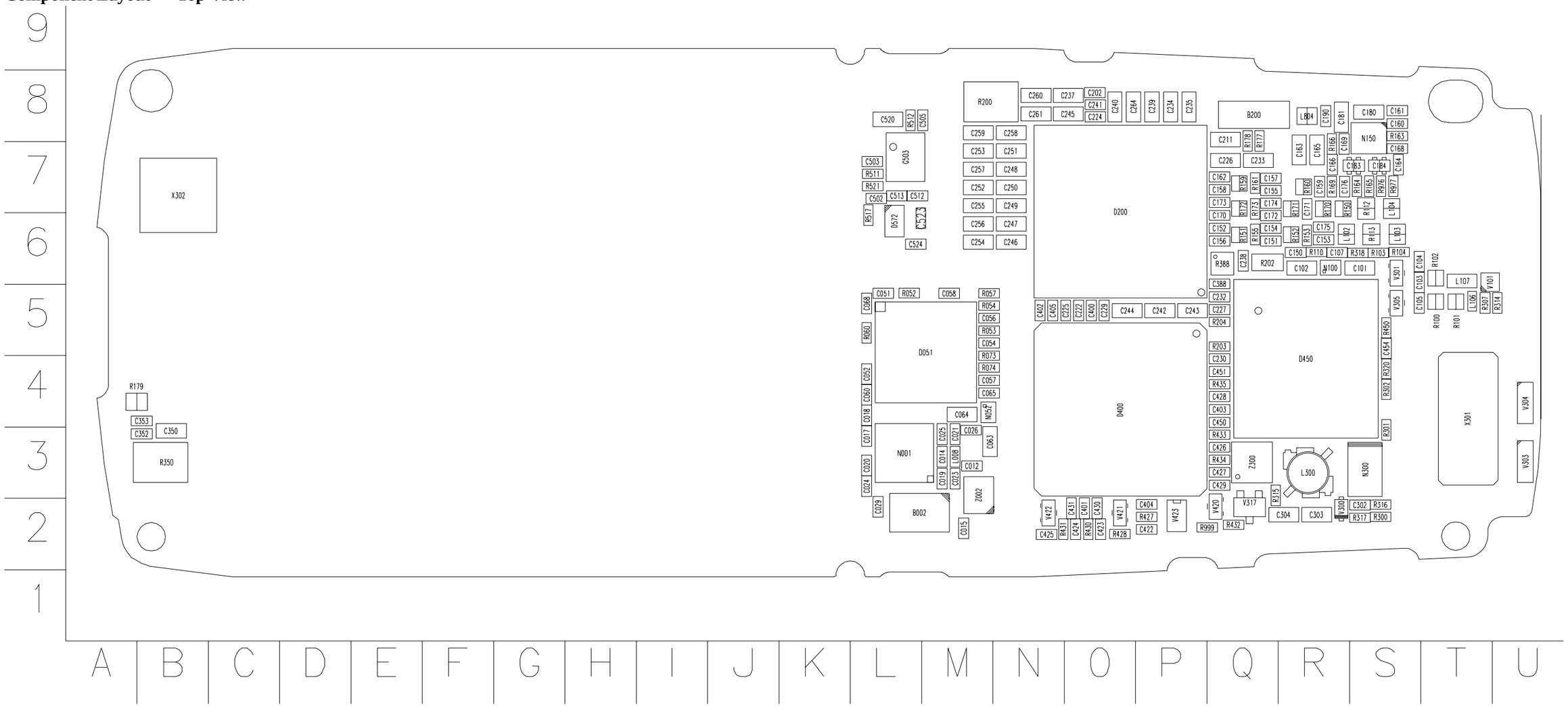
BB-RF Interface



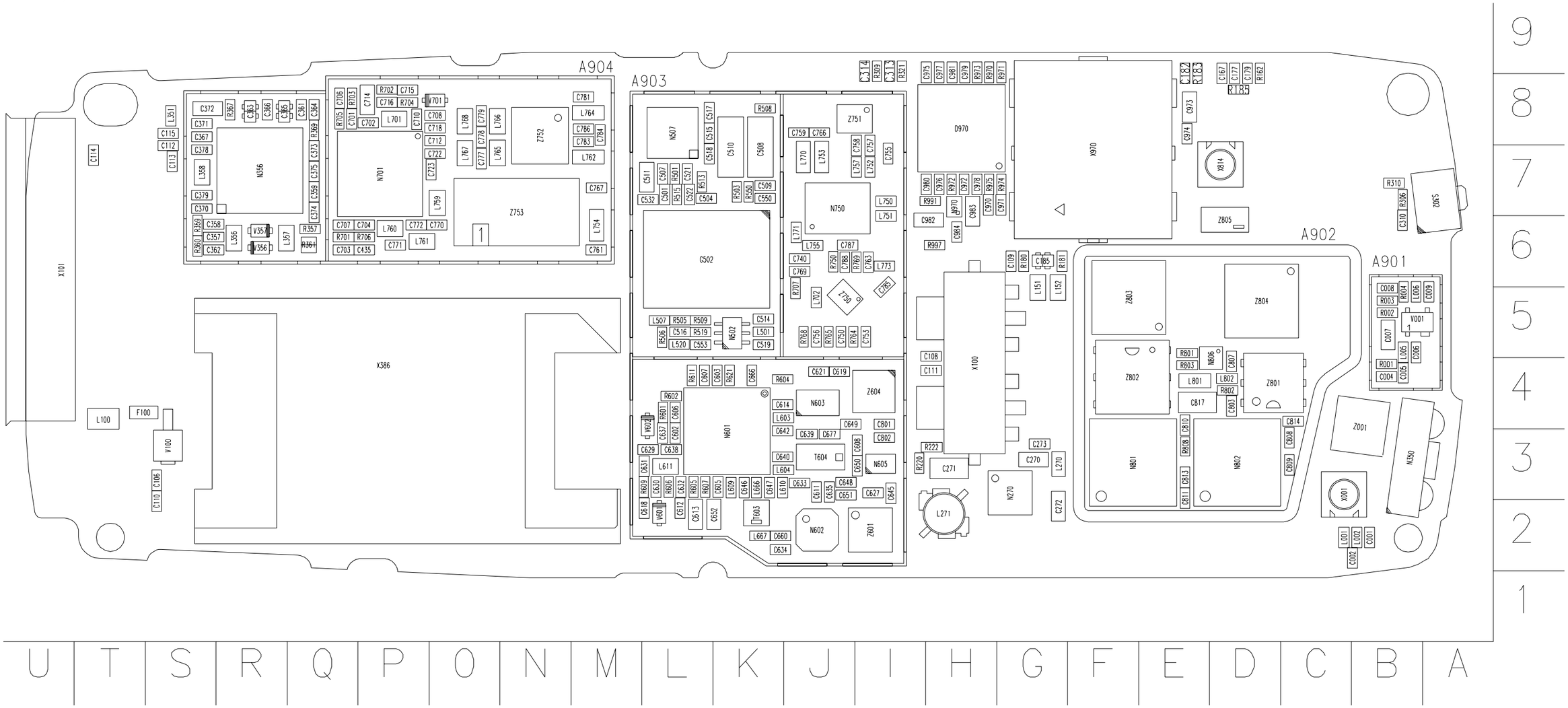
UPP 8M Implementation



Component Layout — Top View



Component Layout — Bottom View



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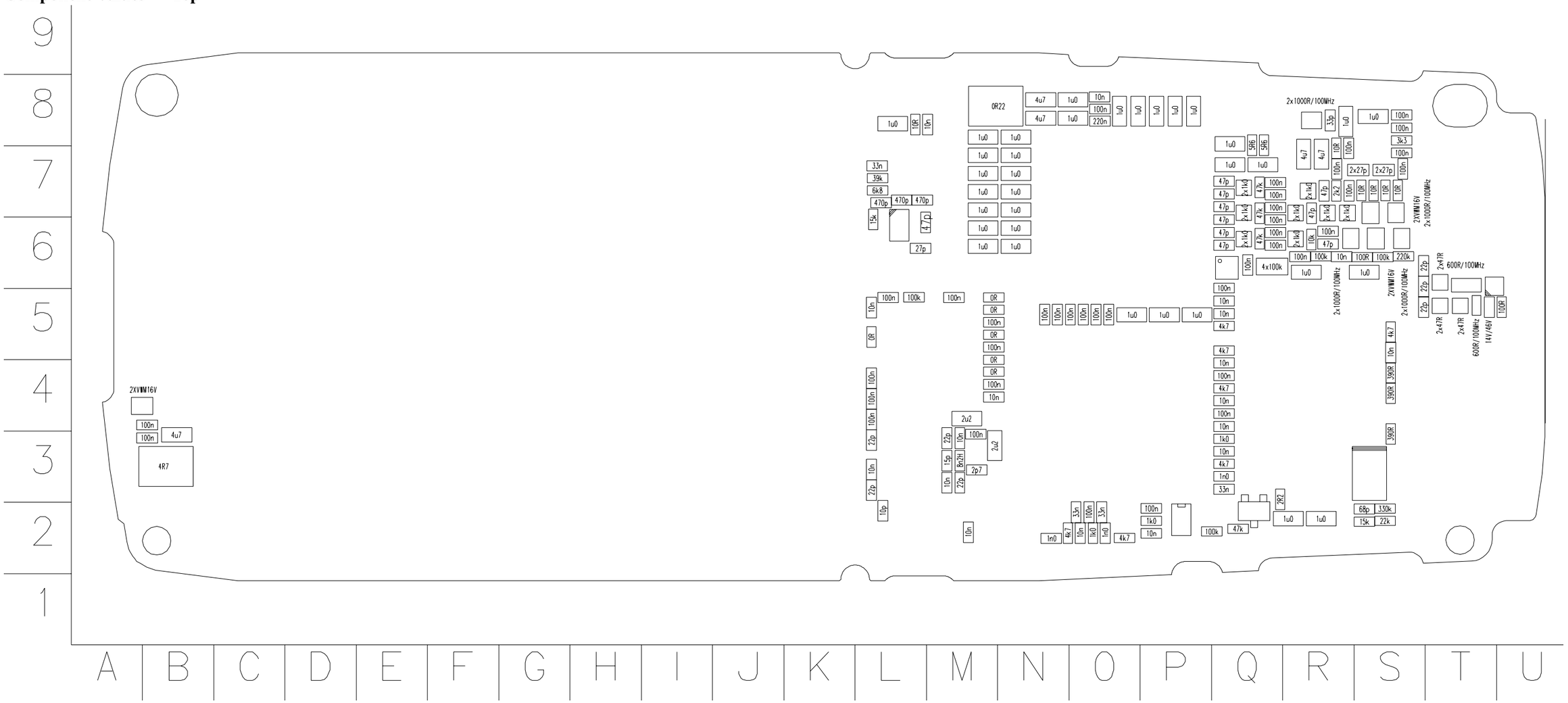
Component Values — Top



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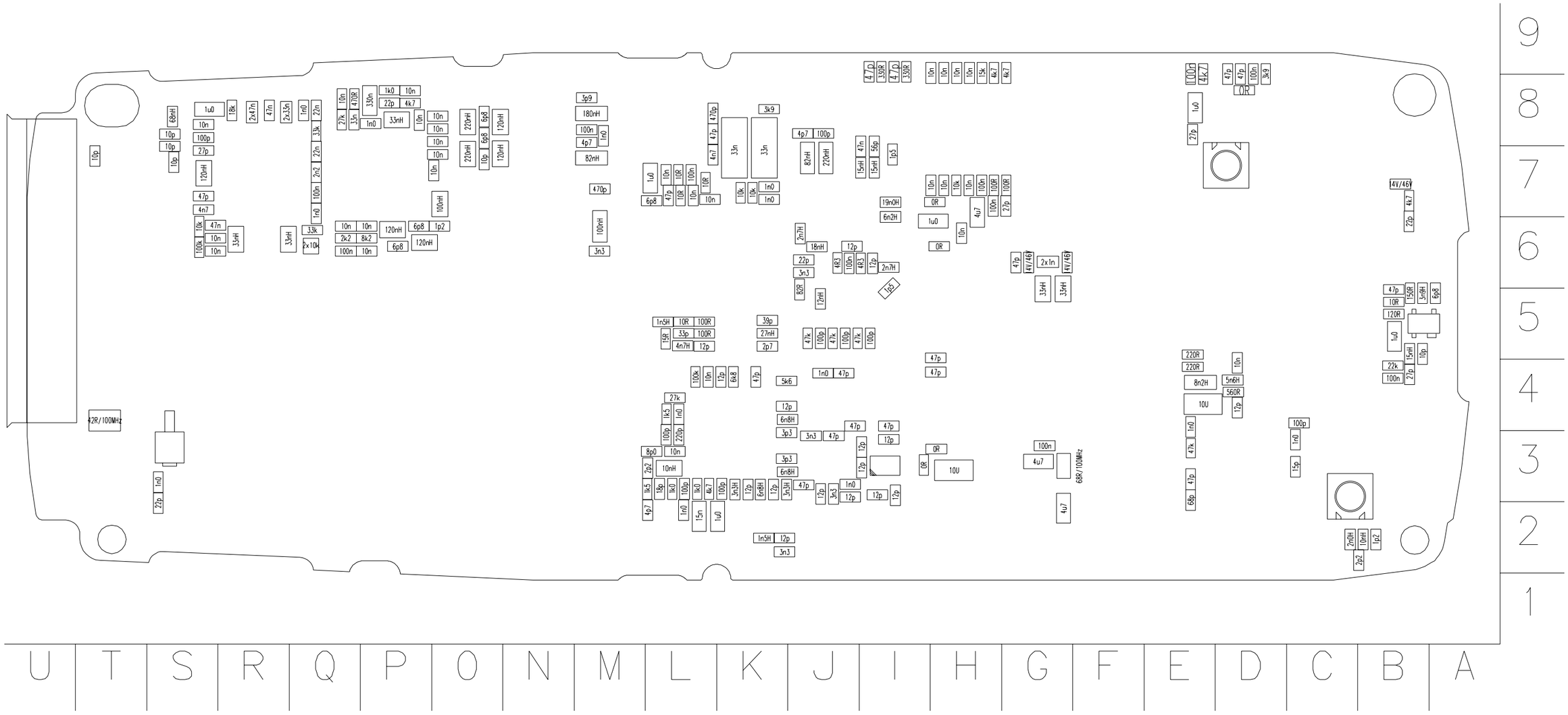
Component Values — Bottom



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